

Guide to Car Type Codes

by

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Introduction

Car type codes were developed by the Association of American Railroads at the same time car records were being computerized. Each car code consists of a letter followed by three numbers. The letter identifies the general equipment or trailer/container type and the numbers provide specifics about the size, capacity and other features of the car. The numeric coding changes according to the equipment type.

The codes are explained in the Association of American Railroads section in the back of *The Official Railway Equipment Register*. This section was later part of the UMLER Data Specification Manual and appeared in the *Register* through 2002. Exhibit D of the UMLER Data Specification Manual listed the equipment type and trailer/containers type codes. Exhibit M listed the major classes of tank cars which correspond to the first two tank car numerics.

Substantial changes have been made since the car type codes were first introduced, so they are not necessarily consistent from year to year. The AAR may have intended to do away with mechanical designations after car type codes were introduced, but that has never happened.

Instructions

Find the desired car type category and time frame in the lists found on the next two pages. Then click on the category to link directly to the appropriate numeric key.

Otherwise, numeric keys are found chronologically under the alphabetically listed category letters.

Contact Information

You can access Eric's Railroad Car History website from:

<http://www.railroadcarhistory.com>

Equipment and Trailer/Container Type Codes

The following categories were listed in 1970:

- A [Equipped box cars](#)
- B [Unequipped box cars](#)
- C [Coke gondola cars](#)
- D Not used
- E [Equipped gondola cars](#)
- F [Flat cars including vehicular flat cars](#)
- G [Unequipped gondola cars](#)
- H [Unequipped hopper cars](#)
- I Not used
- J [Ore jenny cars \(GT and HMA\)](#)
- K [Equipped hopper cars](#)
- L [Special type cars including covered hopper cars](#)
- M [Maintenance of way cars](#)
- N [Caboose cars](#)
- O Not used
- P [Passenger cars](#)
- Q Not used
- R [Refrigerator cars](#)
- S [Stock cars](#)
- T [Tank cars](#)
- U Not used
- V Not used
- W Not used
- X Not used
- Y Not used
- Z Not used

The following categories were listed in 1980:

- A [Equipped box cars](#)
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- Q Not used
- R [Refrigerator cars](#)
- S [Stock cars](#)
- T [Tank cars](#)
- U [Containers](#)
- V [Vehicular flat cars](#)
- W Not used
- X Not used
- Y Not used
- Z [Trailers](#)

The following category was new in 1974:

- V [Stac-Pac and Vert-A-Pac vehicular flat cars](#)

Note: Each category links to the appropriate numeric key.

Equipment and Trailer/Container Type Codes (continued)

The following categories were listed in 1990:

- A [Equipped box cars](#)
- B [Unequipped box cars](#)
- C [Covered hopper cars](#)
- D [Locomotives](#)
- E [Equipped gondola cars](#)
- F [Flat cars](#)
- G [Unequipped gondola cars](#)
- H [Unequipped hopper cars](#)
- I Not used
- J [Rotary gondola cars \(GT\)](#)
- K [Equipped hopper cars](#)
- L [Special type cars](#)
- M [Non-revenue cars, passenger cars and end of train devices](#)
- N Not used
- O Not used
- P [Conventional intermodal cars](#)
- Q [Light weight, low profile intermodal cars, including RoadRailer bogies](#)
- R [Refrigerator cars](#)
- S [Stack cars](#)
- T [Tank cars](#)
- U [Containers](#)
- V [Vehicular flat cars](#)
- W Not used
- X Not used
- Y Not used
- Z [Trailers, including RoadRailer trailers](#)

The following categories were listed in 2000:

- A [Equipped box cars](#)
- B [Unequipped box cars](#)
- C [Covered hopper cars](#)
- D [Locomotives](#)
- E [Equipped gondola cars](#)
- F [Flat cars](#)
- G [Unequipped gondola cars](#)
- H [Unequipped hopper cars](#)
- I Not used
- J [Rotary gondola cars \(GT\)](#)
- K [Equipped hopper cars](#)
- L [Special type cars](#)
- M [Non-revenue cars, passenger cars and end of train devices](#)
- N Not used
- O Not used
- P [Conventional intermodal cars](#)
- Q [Light weight, low profile intermodal cars, including RoadRailer bogies](#)
- R [Refrigerator cars](#)
- S [Stack cars](#)
- T [Tank cars](#)
- U [Containers](#)
- V [Vehicular flat cars](#)
- W Not used
- X Not used
- Y Not used
- Z [Trailers, including RoadRailer trailers](#)

Note: Each category links to the appropriate numeric key.

Numeric Key A

A__0 Equipped box cars (1970-1982)

First numeric:

- 1 Inside length less than 49'8"
- 2 Inside length at least 49'8" and less than 59'8"
- 3 Inside length at least 59'8" and less than 79'8"
- 4 Inside length at least 79'8"

Second numeric:

- 0 Mech. desig. XP specific commodity
- 1 Mech. desig. XPI specific commodity, insulated
- 2 Mech. desig. XR auto rack (replaced 1973)
- 2 Mech. desig. XF foodstuffs (added 1973)
- 3 Mech. desig. XL loader equipped
- 4 Mech. desig. XLI loader equipped, insulated
- 5 Mech. desig. XLIH loader equipped, insulated, heater

Third numeric:

- 0 All cars

A___ Equipped box cars (1983-2002)

First numeric:

- 0 All stock cars (added 1989)
- 1 Inside length less than 49'
- 2 Inside length less than 49', cushioned
- 3 Inside length at least 49' and less than 59'
- 4 Inside length at least 49' and less than 59', cushioned
- 5 Inside length at least 59' and less than 79'
- 6 Inside length at least 59' and less than 79', cushioned
- 7 Inside length at least 79'
- 8 Inside length at least 79', cushioned

Second numeric:

- 0 Mech. desig. XP specific commodity
- 1 Mech. desig. XPI specific commodity, insulated
- 2 Mech. desig. XF USDA interior for foodstuffs
- 3 Mech. desig. XL loader equipped
- 4 Mech. desig. XLI loader equipped, insulated
- 5 Mech. desig. S stock (added 1989)

Third numeric:

- 0 Other type of door opening
- 1 Sliding door, opening less than 9' wide
- 2 Sliding door, opening at least 9' and less than 11' wide
- 3 Sliding door, opening at least 11' wide
- 4 Plug door, opening less than 9' wide
- 5 Plug door, opening at least 9' and less than 11' wide
- 6 Plug door, opening at least 11' wide
- 7 Combination sliding and plug doors

Third numeric for stock cars (added 1989):

- 0 Deck height no factor
- 1 Double deck, lower deck at least 5'4" high
- 2 Convertible double deck

Numeric Key B

B___ Unequipped box cars (1970-1982)

First numeric:

- 0 Used when second numeric is 4, 5, 6, 7 or 8.
- 1 Inside length less than 49'8"
- 2 Inside length at least 49'8" and less than 59'8"
- 3 Inside length at least 59'8" and less than 79'8" (replaced 1971)
- 3 Inside length at least 59'8" (added 1971)
- 4 Inside length at least 79'8" (deleted 1971)

Second numeric:

- 0 Mech. desig. XM
 - 1 Mech. desig. XMI insulated
 - 2 Mech. desig. XMIH insulated, heater
 - 3 Mech. desig. BX passenger train equipped (deleted 1981)
 - 4* Mech. desig. VA fruit and vegetable, ventilated
 - 5* Mech. desig. VM fruit and vegetable, ventilated, insulated
 - 6* Mech. desig. XC multiple compartments
 - 7* Mech. desig. XCI multiple compartments, insulated
 - 8* Mech. desig. XU
- *4 through 8 deleted 1973

Third numeric (replaced 1970):

- 0 All cars

Third numeric (effective 1970, replaced 1978):

- 0 Inside height less than 10', doors less than 7' wide
- 1 Inside height less than 10', doors 7' wide
- 2 Inside height less than 10', doors 8' wide
- 3 Inside height less than 10', doors 9' wide
- 4 Inside height less than 10', doors 10' or more wide
- 5 Inside height 10' or more, doors less than 7' wide
- 6 Inside height 10' or more, doors 7' wide
- 7 Inside height 10' or more, doors 8' wide
- 8 Inside height 10' or more, doors 9' wide
- 9 Inside height 10' or more, doors 10' or more wide

Third numeric (effective 1978):

- 0 Inside height less than 10', doors less than 7' wide
- 1 Inside height less than 10', doors 7' to 8' wide
- 2 Inside height less than 10', doors 9' wide
- 3 Inside height less than 10', doors 10' wide
- 4 Inside height less than 10', doors 11' or more wide
- 5 Inside height 10' or more, doors less than 7' wide
- 6 Inside height 10' or more, doors 7' to 8' wide
- 7 Inside height 10' or more, doors 9' wide
- 8 Inside height 10' or more, doors 10' wide
- 9 Inside height 10' or more, doors 11' or more wide

Numeric Key B (continued)

B___ Unequipped box cars (1983-2002)

First numeric:

- 1 Inside length less than 49'
- 2 Inside length less than 49', cushioned
- 3 Inside length at least 49' and less than 59'
- 4 Inside length at least 49' and less than 59', cushioned
- 5 Inside length at least 59' and less than 79'
- 6 Inside length at least 59' and less than 79', cushioned
- 7 Inside length at least 79'
- 8 Inside length at least 79', cushioned

Second numeric:

- 0 Mech. desig. XM, sliding door, inside width less than 9'6"
- 1 Mech. desig. XM, sliding door, inside width at least 9'6"
- 2 Mech. desig. XM, plug door, inside width less than 9'6"
- 3 Mech. desig. XM, plug door, inside width at least 9'6"
- 4 Mech. desig. XM, combination sliding and plug doors, inside width less than 9'6"
- 5 Mech. desig. XM, combination sliding and plug doors, inside width at least 9'6"
- 6 Mech. desig. XM, other type door
- 7 Mech. desig. XMI, inside width less than 9'6", insulated
- 8 Mech. desig. XMI, inside width at least 9'6", insulated

Third numeric:

- 0 Other type of door opening
- 1 Door opening less than 8' wide
- 2 Door opening at least 8' and less than 9' wide
- 3 Door opening at least 9' and less than 10' wide
- 4 Door opening at least 10' and less than 11' wide
- 5 Door opening at least 11' and less than 13' wide
- 6 Door opening at least 13' and less than 15' wide
- 7 Door opening at least 15' wide

Numeric Key C

C__0 Coke gondola cars (1970-1981)

First numeric:

- 1 Inside length less than 48'0"
- 2 Inside length at least 48'0" and less than 61'0"
- 3 Inside length at least 61'0"

Second numeric:

- 0 Mech. desig. GTC
- 1 Mech. desig. GBC
- 2 Mech. desig. GDC
- 3 Mech. desig. GSC

Third numeric:

- 0 All cars

C___ Covered hopper cars (1983-2002)

First numeric:

- 1 Gravity unloading
- 2 Pneumatic unloading
- 3 Gravity-pneumatic unloading
- 4 Fluidized-gravity unloading
- 5 Fluidized-pneumatic unloading
- 6 Pressure differential unloading
- 7 Other unloading including sparger

Second numeric:

- 1 Mech. desig. LO
- 2 Mech. desig. HTR removable roof

Third numeric:

- 1 Capacity less than 3,000 cubic feet
- 2 Capacity at least 3,000 and less than 4,000 cubic feet
- 3 Capacity at least 4,000 and less than 5,000 cubic feet
- 4 Capacity at least 5,000 cubic feet

Numeric Key D

D___ Locomotives (1983-2002)

First numeric:

- 1 Freight
- 2 Passenger
- 3 Switching
- 4 Freight without cab
- 5 Passenger without cab
- 6 Slugs and boosters without prime mover
- 7 Electric (added 1988)

Second numeric (replaced 1988):

- 1 4 axles
- 2 6 axles
- 3 8 axles
- 4 more than 8 axles

Second numeric (effective 1988):

- 1 B-B wheel arrangement
- 2 C-C wheel arrangement
- 3 D-D wheel arrangement
- 4 A1A-A1A wheel arrangement
- 5 B-C wheel arrangement
- 6 More than 8 powered axles
- 7 Less than 9 powered axles but different from above

Third numeric:

- 0 Less than 1,000 hp
- 1 1,000 to 1,499 hp
- 2 1,500 to 1,999 hp
- 3 2,000 to 2,499 hp
- 4 2,500 to 2,999 hp
- 5 3,000 to 3,499 hp
- 6 3,500 to 3,999 hp
- 7 4,000 to 4,499 hp
- 8 4,500 to 4,999 hp
- 9 At least 5,000 hp

Numeric Key E

E__0 Equipped gondola cars (1970-1982)

First numeric:

- 1 Inside length less than 48'
- 2 Inside length at least 48' and less than 52'
- 3 Inside length at least 52' and less than 61'
- 4 Inside length at least 61'

Second numeric:

- 0 Mech. desig. GTS rotary dump, specific commodity
- 1 Mech. desig. GTCR rotary dump, coke rack
- 2 Mech. desig. GBR mill trade, roof
- 3 Mech. desig. GBS mill trade, specific commodity
- 4 Mech. desig. GBSR mill trade, specific commodity, roof
- 5 Mech. desig. GDS side doors, specific commodity
- 6 Mech. desig. GSS bottom doors, specific commodity
- 7 Mech. desig. GSSR bottom doors, specific commodity, roof
- 8 Mech. desig. GWS floor well (added 1973)
- 9 Mech. desig. GWSR floor well (added 1973)
GWS and GWSR have floor wells and are for a specific commodity, usually aircraft parts. GWSR also has a roof.

Third numeric:

- 0 All cars

E___ Equipped gondola cars (1983-2002)

First numeric:

- 1 Inside length less than 48'
- 2 Inside length less than 48', cushioned
- 3 Inside length at least 48' and less than 52'
- 4 Inside length at least 48' and less than 52', cushioned
- 5 Inside length at least 52' and less than 61'
- 6 Inside length at least 52' and less than 61', cushioned
- 7 Inside length at least 61'
- 8 Inside length at least 61', cushioned

Second numeric:

- 0 Mech. desig. GTS rotary dump, specific commodity
- 1 Mech. desig. GTR rotary dump, roof
- 2 Mech. desig. GBR mill trade, roof
- 3 Mech. desig. GBS mill trade, specific commodity
- 4 Mech. desig. GBSR mill trade, specific commodity, roof
- 5 Mech. desig. GDS side doors, specific commodity
- 6 Mech. desig. GSS bottom doors, specific commodity
- 8 Mech. desig. GWS floor well, specific commodity
- 9 Mech. desig. GWSR floor well, specific commodity, roof

Third numeric:

- 0 All cars except as noted below
 - 1 Coil steel or aluminum, longitudinal trough
 - 2 Coil steel, transverse trough (added 1994)
 - 4* Capacity less than 3,000 cubic feet
 - 5* Capacity at least 3,000 and less than 4,000 cubic feet
 - 6* Capacity at least 4,000 and less than 5,000 cubic feet
 - 7* Capacity at least 5,000 cubic feet
- *4, 5, 6 and 7 used only for GTS not in low density service, added 1988

Numeric Key F

F___ Flat cars including vehicular flat cars (1970-1974)

F___ Flat cars (1975-1982)

First numeric:

- 1 Nominal capacity less than 154,000 pounds
- 2 Nominal capacity at least 154,000 and less than 200,000 pounds
- 3 Nominal capacity at least 200,000 and less than 300,000 pounds
- 4 Nominal capacity at least 300,000 and less than 400,000 pounds
- 5 Nominal capacity at least 400,000 pounds
- 6 Standard draft gear (deleted 1974)
- 7 Hydraulic or cushion draft gear (deleted 1974)
(6 and 7 used for auto racks where second numeric is 5 or 6)
- 7 Equipped with permanent stanchions for trailers (added 1980)
- 8 Equipped for trailers only
- 9 Equipped for containers only
- 0 Equipped for trailers and containers
(8, 9 and 0 used for intermodal cars where second numeric is 7 or 8)

Second numeric:

- 0 Mech. desig. FM
- 1 Mech. desig. FMS
- 2 Mech. desig. FD and FDS depressed center
- 3 Mech. desig. FG heavy duty
- 4 Mech. desig. FW and FWS well
- 5 Mech. desig. FA bi-level auto rack (deleted 1974)
- 6 Mech. desig. FA tri-level auto rack (deleted 1974)
- 7 Mech. desig. FC intermodal
- 8 Mech. desig. FCS intermodal (deleted 1973)
- 8 Mech. desig. FBS bulkhead (added 1974)
- 9 Mech. desig. FL log

Third numeric:

- 1 Inside length less than 53'
- 2 Inside length at least 53' and less than 60'
- 3 Inside length at least 60' and less than 75'
- 4 Inside length at least 75' and less than 85'
- 5 Inside length at least 85' and less than 87'
- 6 Inside length at least 87' and less than 89'
- 7 Inside length at least 89' and less than 95'
- 8 Inside length at least 95'
(4, 5, 6, 7 and 8 are used for auto rack and intermodal cars where second numeric is 5, 6, 7 or 8)
- 9 Inside length at least 75'0"
(9 is used for FM, FMS and FL where second numeric is 0, 1 or 9)
- 0 Inside length not specified
(0 is used for FD(S), FG and FW(S) where second numeric is 2, 3 or 4)

Note: Auto rack cars moved to V category in 1975, intermodal cars moved to P category in 1983.

Numeric Key F (continued)

F___ Flat cars (1983-2002)

First numeric (replaced 1988):

- 1 Nominal capacity less than 111,000 pounds
- 2 Nominal capacity at least 111,000 and less than 155,000 pounds
- 3 Nominal capacity at least 155,000 and less than 200,000 pounds
- 4 Nominal capacity at least 200,000 pounds except FM
- 5 Nominal capacity at least 200,000 pounds FM
- 6 Equipped for auto and truck frames
- 7 Single deck, pedestals and tie downs for saddleback loading
- 8 Single deck, tie downs, without pedestals

First numeric (effective 1988):

- 1 Load limit less than 155,000 pounds
- 2 Load limit between 155,000 and 184,000 pounds
- 3 Load limit between 185,000 and 199,999 pounds
- 4 Load limit at least 200,000 pounds
- 5 Equipped for pipe loading only (added 1992)
- 6 Equipped for auto and truck frames
- 7 Single deck, pedestals and tie downs for saddleback loading
- 8 Single deck, tie downs, without pedestals

Second numeric:

- 0 Mech. desig. FM
- 1 Mech. desig. FMS, standard draft gear
- 2 Mech. desig. FMS, cushioned
- 3 Mech. desig. FD(S) depressed center
- 4 Mech. desig. FB bulkhead
- 5 Mech. desig. FBS bulkhead, specific commodity
- 6 Mech. desig. FW(S) well
- 7 Mech. desig. FL log
- 8 Mech. desig. FBC center beam (added 1988)

Third numeric:

- 1 Inside length less than 53'
- 2 Inside length at least 53' and less than 60'
- 3 Inside length at least 60' and less than 75'
- 4 Inside length at least 75' and less than 85'
- 5 Inside length at least 85' and less than 89'
- 6 Inside length at least 89'

Numeric Key G

G___ Unequipped gondola cars (1970-1982)

First numeric:

- 0 Inside length at least 36'0" and less than 48'0"
(used only for GT rotary dump)
- 1 Inside length less than 48'0"
- 2 Inside length at least 48'0" and less than 52'0"
- 3 Inside length at least 52'0" and less than 61'0"
- 4 Inside length at least 61'0"

Second numeric:

- 0 Mech. desig. GA bottom doors with crosswise hinges
- 1 Mech. desig. GB steel floor, solid ends
- 2 Mech. desig. GB steel floor, drop ends
- 3 Mech. desig. GB wood floor, solid ends
- 4 Mech. desig. GB wood floor, drop ends
- 5 Mech. desig. GD side doors
- 6 Mech. desig. GH bottom doors with lengthwise hinges
dumping outside the rails, drop ends
- 7 Mech. desig. GRA bottom doors with lengthwise hinges
dumping outside the rails, fixed ends
- 8 Mech. desig. GS bottom doors with lengthwise hinges
- 9 Mech. desig. GT rotary dump

Third numeric:

- 0 Not used (deleted 1970)
- 1 Inside height 3'2" or less (added 1970)
- 2 Inside height more than 3'2" (added 1970)

Numeric Key G (continued)

G___ Unequipped gondola cars (1983-2002)

First numeric:

- 1 Inside length less than 48'
- 2 Inside length at least 48' and less than 52', width less than 9'
- 3 Inside length at least 48' and less than 52', width 9' or more
- 4 Inside length at least 52' and less than 61', width less than 9'
- 5 Inside length at least 52' and less than 61' width 9' or more
- 6 Inside length at least 61', width less than 9'
- 7 Inside length at least 61' width 9' or more

Second numeric:

- 0 Mech. desig. GA bottom doors with crosswise hinges
- 1 Mech. desig. GB steel floor, solid ends
- 2 Mech. desig. GB steel floor, drop ends
- 3 Mech. desig. GB wood floor, solid ends
- 4 Mech. desig. GB wood floor, drop ends
- 5 Mech. desig. GD side doors
- 6 Mech. desig. GH bottom doors with lengthwise hinges dumping outside the rails, drop ends
- 8 Mech. desig. GS bottom doors with lengthwise hinges

Third numeric (replaced 1988?):

- 1 Inside height under 37"
- 2 Inside height at least 37" and less than 47"
- 3 Inside height at least 47" and less than 57"
- 4 Inside height 57" and over

Third numeric (effective 1988?, replaced 1994):

- 0 Inside height under 37", load limit less than 155,000
- 1 Inside height under 37", load limit 155,000 or more
- 2 Inside height 37" to 46", load limit less than 155,000
- 3 Inside height 37" to 46", load limit between 155,000 and 184,999
- 4 Inside height 37" to 46", load limit 185,000 and over
- 5 Inside height 47" to 56", load limit less than 155,000
- 6 Inside height 47" to 56", load limit between 155,000 and 184,999
- 7 Inside height 47" to 56", load limit 185,000 and over
- 8 Inside height 57" and over, load limit less than 185,000
- 9 Inside height 57" and over, load limit 185,000 and over

Third numeric (effective 1994):

- 0 Inside height 12" to 167", load limit less than 155,000
- 1 Inside height 12" to 46", load limit between 155,000 and 184,999
- 2 Inside height 47" to 167", load limit between 155,000 and 184,999
- 3 Inside height 12" to 46", load limit between 185,000 and 204,999
- 4 Inside height 47" to 52", load limit between 185,000 and 204,999
- 5 Inside height 53" to 58", load limit between 185,000 and 204,999
- 6 Inside height 59" to 64", load limit between 185,000 and 204,999
- 7 Inside height 65" to 167", load limit between 185,000 and 204,999
- 8 Inside height 12" to 59", load limit 205,000 or more
- 9 Inside height 60" to 167", load limit 205,000 or more

Numeric Key H

H__0 Unequipped hopper cars (1970-1982)

First numeric:

- 1 Nominal capacity less than 154,000 pounds
- 2 Nominal capacity at least 154,000 and less than 200,000 pounds
- 3 Nominal capacity at least 200,000 pounds

Second numeric:

- 0 Mech. desig. HD doors with lengthwise hinges, dumping outside the rails (deleted 1973)
- 1 Mech. desig. HE doors with crosswise hinges, ends not self-clearing (deleted 1973)
- 2 Mech. desig. HFA doors with lengthwise hinges, end and center hoppers
- 3 Mech. desig. HK two or more hoppers, doors with lengthwise hinges, dumping either inside or outside the rails
- 4 Mech. desig. HM two hoppers, doors with crosswise hinges
- 5 Mech. desig. HT three or more hoppers, doors with crosswise hinges
- 6 Mech. desig. HTA three or more hoppers, doors with lengthwise hinges, dumping between the rails
- 7 Mech. desig. HTC coke racks

Third numeric:

- 0 All cars

H___ Unequipped hopper cars (1983-2002)

First numeric (replaced 1988):

- 1 Nominal capacity less than 110,000 pounds
- 2 Nominal capacity at least 111,000 and less than 155,000 pounds
- 3 Nominal capacity at least 155,000 and less than 190,000 pounds
- 4 Nominal capacity at least 190,000 pounds

First numeric (effective 1988):

- 1 Load limit less than 155,000 pounds
- 2 Load limit between 155,000 and 184,999 pounds
- 3 Load limit at least 185,000 pounds

Second numeric:

- 2 Mech. desig. HFA doors with lengthwise hinges, end and center hoppers
- 3 Mech. desig. HK two or more hoppers, doors with lengthwise hinges, dumping either inside or outside the rails
- 4 Mech. desig. HM two hoppers, doors with crosswise hinges
- 5 Mech. desig. HT three or more hoppers, doors with crosswise hinges
- 6 Mech. desig. HTA three or more hoppers, doors with lengthwise hinges, dumping between the rails

Third numeric (replaced 1988):

- 0 All cars

Third numeric (effective 1988):

- 0 Non-rotary couplers
- 1 Rotary coupler on one end
- 2 Rotary couplers on both ends
- 3 Special bracing for rotary dumper, no rotary coupler

Numeric Key J

J__0 Ore jenny cars (1970-1982)

First numeric:

- 1 Capacity less than 154,000 pounds
 - 2 Capacity at least 154,000 and less than 200,000 pounds
 - 3 Capacity at least 200,000 pounds
- Note: all cars must be less than 36'0" long

Second numeric:

- 0 Mech. desig. GT rotary dump
- 1 Mech. desig. HMA two hoppers, doors
with lengthwise hinges, dumping between the rails

Third numeric:

- 0 All cars

Note: HMA moved to K category in 1983.

J___ Rotary dump gondola cars (1983-2002)

First numeric (replaced 1988):

- 1 Nominal capacity less than 110,000 pounds
- 2 Nominal capacity at least 111,000 and less than 155,000 pounds
- 3 Nominal capacity at least 155,000 and less than 190,000 pounds
- 4 Nominal capacity at least 190,000 pounds

First numeric (effective 1988):

- 1 Load limit less than 155,000 pounds
- 2 Load limit between 155,000 and 184,999 pounds
- 3 Load limit at least 185,000 pounds

Second numeric:

- 0 Mech. desig. GT flat bottom
- 1 Mech. desig. GT depressed bottom

Third numeric:

- 0 Inside length less than 36'
- 1 Inside length at least 36' and less than 48'
- 2 Inside length at least 48' and less than 52'
- 3 Inside length at least 52' and less than 61'
- 4 Inside length at least 61'

Numeric Key K

K__0 Equipped hopper cars (1970-1982)

First numeric:

- 1 Nominal capacity less than 154,000 pounds
- 2 Nominal capacity at least 154,000 and less than 200,000 pounds
- 3 Nominal capacity at least 200,000 pounds

Second numeric:

- 0 Mech. desig. HKS specific commodity
- 1 Mech. desig. HMR roof
- 2 Mech. desig. HMS specific commodity
- 3 Mech. desig. HTR roof
- 4 Mech. desig. HTS specific commodity
- 5 Mech. desig. HDR roof
- 6 Mech. desig. HTSR specific commodity, roof
- 7 Mech. desig. HMSR specific commodity, roof (added 1976)

Third numeric:

- 0 All cars

K___ Equipped hopper cars (1983-2002)

First numeric (replaced 1988):

- 1 Nominal capacity less than 110,000 pounds
- 2 Nominal capacity at least 111,000 and less than 155,000 pounds
- 3 Nominal capacity at least 155,000 and less than 190,000 pounds
- 4 Nominal capacity at least 190,000 pounds

First numeric (effective 1988):

- 1 Load limit less than 155,000 pounds
- 2 Load limit between 155,000 and 184,999 pounds
- 3 Load limit at least 185,000 pounds

Second numeric:

- 0 Mech. desig. HKS specific commodity
- 1 Mech. desig. HMR roof
- 2 Mech. desig. HMS specific commodity
- 3 Mech. desig. HTR roof
- 4 Mech. desig. HTS specific commodity
- 5 Mech. desig. HKR roof
- 6 Mech. desig. HTSR specific commodity, roof
- 7 Mech. desig. HMSR specific commodity, roof
- 8 Mech. desig. HMA ore

Third numeric (replaced 1988):

- 0 All cars

Third numeric (effective 1988):

- 0 Non-rotary couplers
- 1 Rotary coupler on one end
- 2 Rotary couplers on both ends
- 4* Capacity less than 3,000 cubic feet
- 5* Capacity at least 3,000 and less than 4,000 cubic feet
- 6* Capacity at least 4,000 and less than 5,000 cubic feet
- 7* Capacity at least 5,000 cubic feet

*4, 5, 6 and 7 used only for HTS not in low density service

Numeric Key L

L___ Special type and covered hopper cars (1970-1982)

First numeric:

- 0 All cars except LO
 - 1* Gravity unloading
 - 2* Pneumatic unloading
 - 3* Gravity-pneumatic unloading
 - 4* Fluidized-gravity unloading
 - 5* Fluidized-pneumatic unloading
 - 6* Pressure differential unloading
 - 7* Other unloading including sparger
- * 1, 2, 3, 4, 5, 6 and 7 used only on LO

Second numeric:

- 0 Mech. desig. LF container flat
- 1 Mech. desig. LG container gondola
- 2 Mech. desig. LP pulpwood
- 3 Mech. desig. LPS pulpwood
- 4 Mech. desig. LU all-door box car
- 5 Mech. desig. LO covered hopper
- 7 Mech. desig. LC box car with roof hatches
- 8 Mech. desig. LRC dry ice
- 9 Mech. desig. LS Schnabel

Third numeric:

- 0 Cubic capacity and length not applicable
(used only on LC, LRC and LS where second numeric is 7, 8 or 9)
 - 1* Capacity less than 3,000 cubic feet
 - 2* Capacity at least 3,000 and less than 4,000 cubic feet
 - 3* Capacity at least 4,000 and less than 5,000 cubic feet
 - 4* Capacity at least 5,000 cubic feet
- *1, 2, 3 and 4 used on LP(S) and LO
- 6* Inside length less than 49'8"
 - 7* Inside length at least 49'8" and less than 59'8"
 - 8* Inside length at least 59'8"
- *6, 7, and 8 used on LF, LG, LP(S), and LU

Note: Covered hopper cars moved to C category in 1983.

L___ Special type cars (1983-2002)

First numeric:

- 0 All cars except L999
- 9 L999 only (added 1989)

Second numeric:

- 0 Mech. desig. LF container flat
- 1 Mech. desig. LG container gondola
- 2 Mech. desig. LP pulpwood
- 3 Mech. desig. LPS pulpwood
- 4 Mech. desig. LU all-door box car
- 6 Mech. desig. LM Air Jet
- 7 Mech. desig. LC box car with roof hatches
- 9 Mech. desig. LS Schnabel

Third numeric:

- 0 Cubic capacity and length not applicable (LS)
 - 1 Capacity less than 3,000 cubic feet (LM)
 - 2 Capacity at least 3,000 and less than 4,000 cubic feet (LM)
 - 3 Capacity at least 4,000 and less than 5,000 cubic feet (LM)
 - 4 Capacity at least 5,000 cubic feet (LM)
 - 6* Inside length less than 49'8"
 - 7* Inside length at least 49'8" and less than 59'8"
 - 8* Inside length at least 59'8"
- *6, 7 and 8 used on LC, LF, LG, LP(S), and LU
- 9 L999 only (added 1989)

L999 is used for other special flat (added 1989)

Numeric Key M

M__0 Maintenance of way cars (1970-1986)

M__0 Non-revenue cars and passenger cars (1987-1988)

M__0 Non-revenue cars, passenger cars and end of train devices (1989-2002)

First and second numeric:

- 10 Mech. desig. MW
- 11 Mech. desig. MWB ballast
- 12 Mech. desig. MWD side dump
- 13 Mech. desig. MWDT (deleted 1974)
- 14 Mech. desig. MWE ballast spreader and trimmer
- 15 Mech. desig. MWF flat
- 16 Mech. desig. MWFS (deleted 1974)
- 17 Mech. desig. MWGB (deleted 1974)
- 18 Mech. desig. MWLC (deleted 1974)
- 19 Mech. desig. MWM store supply
- 20 Mech. desig. MWP pile driver
- 21 Mech. desig. MWS steam shovel
- 22 Mech. desig. MWST (deleted 1974)
- 23 Mech. desig. MWT tool and block
- 24 Mech. desig. MWTA (deleted 1974)
- 25 Mech. desig. MWW wrecking derrick, self-propelled
- 26 Mech. desig. MWX boarding outfit
- 27 Mech. desig. MWC caboose and tool (added 1973, deleted 1996)
- 27 Mech. desig. MWSP shoving platform (added 1996)
- 28 Mech. desig. MWG motorized gang (added 1973)
- 29 Mech. desig. MWH push car (added 1973)
- 30 Mech. desig. MWJ ballast unloader (added 1973)
- 31 Mech. desig. MWK snow removal (added 1973)
- 32 Mech. desig. MWL hand car (added 1973)
- 33 Mech. desig. MWU hand derrick (added 1973)
- 34 Mech. desig. MWV motorized derrick (added 1973)
- 35 Mech. desig. MS scale test (added 1988)
- 36 Mech. desig. MWTK tank (added 1992)
- 50 Mech. desig. PA passenger (added 1986)
- 51 Mech. desig. PB baggage, mail, express (added 1986)
- 52 Mech. desig. PD food or beverage (added 1986)
- 53 Mech. desig. PS company service (added 1986)
- 54 Unclassified passenger (added 1986)

- 60 Mech. desig. MT training other than below (added 1994)
- 61 Mech. desig. MT tank car training (added 1994)
- 62 Mech. desig. MT flat car training (added 1994)
- 80 Fuel tender, tank diesel fuel (added 1996)
- 81 Fuel tender, tank liquid natural gas (added 1996)
- 82 Fuel tender, locomotive diesel fuel (added 1996)
- 83 Fuel tender, locomotive liquid natural gas (added 1996)
- 90 Mech. desig. ND IDU/locomotive (added 1988)
- 91 Mech. desig. NC CLU/locomotive (added 1988)
- 92 Mech. desig. NU SBU/end of train (added 1988)
- 93 Mech. desig. NE caboose (added 1988)
- 94 Mech. desig. NA CDU/locomotive (added 1993)
- 95 Mech. desig. NL NLU/end of train (added 1993)
- 96 Mech. desig. NB RDU/locomotive (added 1993)
- 97 Mech. desig. NF SBT/end of train (added 1994)

Third numeric:

- 0 All cars

Numeric Key N

N1_0 Caboose cars (1970-1988)

First and second numeric:

10 Mech. desig. NE eight-wheeled

11 Mech. desig. NM four-wheeled (deleted 1973)

Third numeric:

0 All cars

Note: Moved to M category in 1989.

Numeric Key P

P0_0 Passenger cars (1970-1981)

First numeric:

0 All cars

Second numeric:

- 0 Mech. desig. BMT insulated tank
- 1 Mech. desig. BE baggage
- 2 Mech. desig. BLF container
- 3 Mech. desig. BR refrigerator, bunkers
- 4 Mech. desig. BS refrigerator, brine tanks
- 5 Mech. desig. CA passenger and baggage
- 6 Mech. desig. CO passenger, baggage and mail
- 7 Mech. desig. BH horse or carriage
- 8 Mech. desig. BM milk
- 9 Mech. desig. BEM baggage, messenger compartment

Third numeric:

0 All cars

Note: Moved to M category in 1986.

P___ Intermodal cars (1983)

First numeric:

- 1 Length less than 53'
- 2 Length at least 53' and less than 60'
- 3 Length at least 60' and less than 75'
- 4 Length at least 75' and less than 89', low level
- 5 Length at least 75' and less than 89', standard level
- 6 Length at least 89' and less than 95', low level
- 7 Length at least 89' and less than 95', standard level
- 8 Length at least 95', low level
- 9 Length at least 95', standard level

Second numeric:

- 1 Single platform
- 2 Multiple platform

Third numeric:

- 0 Trailers and containers up to 40'
- 1 One 40' and one 45' trailer
- 2 Two 45' trailers
- 3 Two 45' trailers with nose mounted refrigerator
- 4 One 40' or 45' trailer and one 45' trailer with nose mounted refrigerator
- 5 Double stack containers
- 6 Trailers and containers, no circus loading
- 7 Trailers only, no circus loading, fixed hitches
- 8 Trailers only
- 9 Containers only

Note: Some moved to Q category in 1984.

Numeric Key P (continued)

P___ Conventional intermodal cars (1984-1988)

First numeric:

- 0 Single length double stack
- 1 Single length, low level, 8' tandem
- 2 Single length, low level, 8'6" tandem
- 3 Single length, standard level, 8' tandem
- 4 Single length, standard level, 8'6" tandem
- 5 Double length, low level, 8' tandem
- 6 Double length, low level, 8'6" tandem
- 7 Double length, standard level, 8' tandem
- 8 Double length, standard level, 8'6" tandem
- 9 Double length, deck 3'2" ATR, 8' tandem
Low level deck is 2'9" ATR or less; standard level deck is 3'4" ATR

Second numeric:

- 1* Trailers only, equipped with bridge plates
- 2* Trailers only, equipped for portable bridge plates
- 3 No bridge plates, non-retractable hitches
*Trailers may be driven on/off

Third numeric if single length:

- 0 Otherwise not classified
- 1 Trailer up to 45' long
- 2 Trailer up to 48' long
- 3 Trailer up to 50' long
- 4 Trailer up to 45' long with nose mounted refrigerator
- 5 Trailer up to 48' long with nose mounted refrigerator
- 6 Trailer up to 50' long with nose mounted refrigerator
- 7 Container only, up to 40' long
- 8 Container only, up to 45' long
- 9 All-purpose for trailers and containers

Third numeric if double length:

- 0 Otherwise not classified
- 1 Two 40' trailers with nose mounted refrigerator, however will not handle nose mounted refrigerator if first numeric is 9
- 2 One 40' trailer without nose mounted refrigerator and one 45' trailer with nose mounted refrigerator OR two 40' trailers with nose mounted refrigerator
- 3 Two 42' trailers with nose mounted refrigerator
- 4 Two 45' trailers without nose mounted refrigerator, however, a 40' or 45' trailer with nose mounted refrigerator can be placed on the middle hitch if the leading trailer is 40' long or less
- 5 One 40' trailer without nose mounted refrigerator and one 45' trailer with nose mounted refrigerator OR two 40' trailers with nose mounted refrigerators OR three 28' trailers
- 6 20' and 40' long containers in combinations up to 80' total
- 7 Two 40' or 45' containers
- 8 One 40' trailer without nose mounted refrigerator and one 45' trailer with nose mounted refrigerator OR two 40' trailers with nose mounted refrigerators OR 20' and 40' long containers in combinations up to 80' total
- 9 Two 45' trailers without nose mounted refrigerator OR 20' and 40' long containers in combinations up to 80' total

Note: Stack cars moved to S category in 1989.

Numeric Key P (continued)

P___ Conventional intermodal cars (1989-2002)

First numeric:

- 1 Single length, low level, 8' tandem
- 2 Single length, low level, 8'6" tandem
- 3 Single length, standard level, 8' tandem
- 4 Single length, standard level, 8'6" tandem
- 5 Double length, low level, 8' tandem
- 6 Double length, low level, 8'6" tandem
- 7 Double length, standard level, 8' tandem
- 8 Double length, standard level, 8'6" tandem
- 9 Double length, deck 3'2" ATR, 8' tandem
Low level deck is 2'9" ATR or less; standard level deck is 3'4" ATR

Second numeric:

- 1* Trailers only, equipped with bridge plates
 - 2* Trailers only, equipped for portable bridge plates
 - 3 Trailers only, no bridge plates
 - 4* Trailers and containers, equipped with bridge plates
 - 5* Trailers and containers, equipped with stub bridge plates
 - 6* Trailers and containers, equipped for portable bridge plates
 - 7 Trailers and containers, no bridge plates
 - 8 Containers only
- *Trailers may be driven on and off

Third numeric if single length and suitable for trailers only:

- 0 Otherwise not classified
- 1 Trailer up to 40' long
- 2 Trailer up to 45' long
- 3 Trailer up to 48' long
- 4 Trailer up to 50' long
- 5 Trailer up to 53' long
- 6 Trailer up to 57' long

Third numeric if single length and suitable for trailers and containers:

- 0 All cars

Third numeric if single length and suitable for containers only:

- 0 Not otherwise classified
- 1 one 40' and one 20' container or three 20' containers
- 2 one 40' or one 40'3" container

Third numeric if double length and suitable for trailers only:

- 0 Otherwise not classified
- 1 Two 40' trailers with or without nose mounted refrigeration, if first numeric is 9, car will not handle nose mounted reefers
- 2 One 40' trailer without and one 45' trailer with nose mounted refrigeration OR two 40' trailers with nose mounted refrigeration
- 3 Two 45' trailers, reefers can only be accommodated in A position.
- 4 Any two trailers with up to 90' total length
- 5 One 40' trailer without and one 45' trailer with nose mounted refrigeration OR two 40' trailers with nose mounted refrigeration OR three 28' trailers
- 6 Any two trailers with up to 90' total length OR three 28' trailers

Third numeric if double length and suitable for trailers and containers:

- 0 Not otherwise classified
- 1 One 40' trailer/container without and one 45' trailer/container with nose mounted refrigeration OR two 40' trailers/containers with nose mounted refrigeration OR 20' and 40' trailers/containers in combinations of 80' or less OR one 45' container and one other container up to 35' long
- 2 Two 45' trailers without nose mounted refrigeration OR 20' and 40' trailers/containers in combinations of 80' or less OR one 45' container and one other container up to 35' long

Third numeric if double length and suitable for containers only:

- 0 Not otherwise classified
- 1 Two 40' containers
- 2 20' and 40' containers in combinations of 80' or less
- 3 20' and 40' containers in combinations of 80' or less OR one 45' container and one other container up to 35' long

Numeric Key Q (continued)

Q___ Light weight, low profile intermodal cars (1984-1988)

First numeric:

- 1 Trailers only, 8' wide tandem
- 2 Trailers only, 8'6" wide tandem
- 3 Containers only, 8' wide
- 4 Containers only, 8'6" wide
- 5 Trailers with 8' wide tandem or 8' wide containers
- 6 Trailers with 8'6" wide tandem or 8' wide containers
- 7 Trailers with 8' wide tandem or 8'6" wide containers
- 8 Trailers with 8'6" wide tandem or 8'6" wide containers
- 9 Containers only, 8' wide, double stack (added 1985)
- 0 Containers only, 8'6" wide, double stack (added 1985)

Second numeric:

- 1 One platform
- 2 Two platforms
- 3 Three platforms
- 4 Four platforms
- 5 Five platforms
- 6 Six platforms
- 7 Seven platforms
- 8 Eight platforms
- 9 Nine platforms
- 0 Ten or more platforms

Third numeric:

- 0 Not otherwise classified
- 1 One 40' to 45' trailer per platform
- 2 One 40' to 48' trailer per platform
- 3 One 40' to 50' trailer per platform
- 4 One 40' to 45' trailer with nose mounted refrigeration per platform
- 5 One 40' to 45' trailer per platform, trailers with nose mounted refrigeration only on certain platforms
- 6 One 40' to 48' trailer with nose mounted refrigeration per platform
- 7 One 40' to 50' trailer with nose mounted refrigeration per platform

Numeric Key Q (continued)

Q___ Light weight, low profile intermodal cars, including RoadRailer bogies (1989-2002)

First numeric:

- 1 Trailers only
- 2 Containers only, 96" wide
- 3 Containers only, 102" wide
- 4 Containers only, 96" or 102" wide
- 5 Trailers or 96' wide containers
- 6 Trailers or 102" wide containers
- 7 Trailers or 96' or 102" wide containers
- 8 RoadRailer bogies
- 9 Integrated multi-platform unit (added 1996)

Second numeric:

- 1 One platform
- 2 Two platforms
- 3 Three platforms
- 4 Four platforms
- 5 Five platforms
- 6 Six platforms
- 7 Seven platforms
- 8 Eight platforms
- 9 Nine platforms
- 0 Ten or more platforms

Third numeric if trailers only:

- 0 Not otherwise classified
- 1 One 40' to 45' trailer per platform
- 2 One 40' to 48' trailer per platform
- 3 One 40' to 53' trailer per platform
- 4 One 40' to 57' trailer per platform
- 5 One 40' to 45' trailer per platform, trailers with nose mounted refrigeration only on end platforms
- 6 One 28' to 48' trailer per platform

- 7 Four trailers without nose mounted refrigeration up to 45' long per car OR three trailers up to 57' long provided center trailer is at least 48' long and only center trailer may have nose mounted refrigeration; deck 3'6" ATR
Note: 57' reduced to 56' in 1993
- 8 Three trailers up to 56' long provided center trailer is at least 48' long, all trailers may have nose mounted refrigeration; deck 3'6" ATR (added 1993)

Third numeric if containers only:

- 0 Not otherwise classified
- 1 One 40', 45' or 48' container per platform, end and center platforms can also hold two 20' containers
- 2 One 40', 45' or 48' container OR two 20' containers per platform

Third numeric if trailers or containers:

- 0 All cars (replaced 1993)
- 0 Not otherwise classified (added 1993)
- 1 One 28' to 48' trailer OR one 40' to 48' trailer per platform, end platforms can also hold two 20' containers (added 1993)
- 2 One 28' to 53' trailer OR one 40' to 53' trailer per platform, end platforms can also hold two 20' containers (added 1993)

Third numeric if RoadRailer bogies:

- 0 Not otherwise classified (deleted 1996)
- 0 Bogie with coupler, no air line (added 1996)
- 1 Bogie with coupler, single air line
- 2 Bogie with coupler, double air line
- 3 Rail trailer (deleted 1996)
- 3 Bogie without coupler (added 1996)
- 4 Fastrack (deleted 1996)
- 5 Trailer-Railer (deleted 1996)

Numeric Key R

R___ Refrigerator cars (1970-1982)

First numeric:

- 1 Inside length less than 49'8"
- 2 Inside length at least 49'8"

Second and third numeric:

- 00 Mech. desig. RB insulated only
 - 01 Mech. desig. RBH heater equipped
 - 02 Mech. desig. RA brine tank
 - 03 Mech. desig. RAH heater equipped
 - 04 Mech. desig. RP Mech. refrigeration
 - 05 Mech. desig. RS ice bunker
 - 06 Mech. desig. RBL loader equipped
 - 07 Mech. desig. RBLH loader and heater equipped
 - 08 Mech. desig. RAM beef rail equipped
 - 09 Mech. desig. RAMH beef rail and heater equipped
 - 10 Mech. desig. RPL loader equipped
 - 11 Mech. desig. RPM beef rail equipped
 - 12 Mech. desig. RPMH beef rail and heater equipped
 - 13 Mech. desig. RSB interior slope sheets
 - 14 Mech. desig. RSM beef rail equipped
 - 15 Mech. desig. RSMH beef rail and heater equipped
 - 16 Mech. desig. RSTC thermostatically controlled fan
 - 17 Mech. desig. RSTM thermostatically controlled fan and beef rails (deleted 1974)
 - 17 Mech. desig. RLO covered hopper (added 1974)
 - 18 Mech. desig. RPB interior slope sheets (added 1973)
- Note: Categories 01 to 03, 07 to 09, 11 to 17 deleted 1981

R___ Refrigerator cars (1983-2002)

First numeric:

- 1 Inside length less than 49'
- 2 Inside length less than 49', cushioned
- 3 Inside length at least 49' and less than 59'
- 4 Inside length at least 49' and less than 59', cushioned
- 5 Inside length at least 59' and less than 79'
- 6 Inside length at least 59' and less than 79', cushioned
- 7 Inside length at least 79'
- 8 Inside length at least 79', cushioned

Second numeric:

- 0 Mech. desig. RB no refrigeration
- 1 Mech. desig. RBL loader equipped
- 2 Mech. desig. RS bunker (deleted 1996)
- 5 Mech. desig. RPB (deleted 2001)
- 6 Mech. desig. RP Mech. refrigeration
- 7 Mech. desig. RPL loader equipped
- 8 Mech. desig. RPC permanent containers (added 1985)
- 9 Mech. desig. RC cryogen refrigeration (added 1987)

Third numeric:

- 0 All cars except those listed below
- 1 Fiberglass body (added 1997)

Numeric Key S

S0__ Stock cars (1970-1987)

First numeric:

0 All cars

Second numeric:

- 1 Mech. desig. SA double deck, only lower deck suitable for cattle (merged into SC in 1973)
- 2 Mech. desig. SC convertible from single to double deck (replaced 1973)
- 2 Mech. desig. SC includes all double deck cars (added 1973)
- 3 Mech. desig. SD drop doors in floor (deleted 1980)
- 4 Mech. desig. SF double deck, suitable for cattle (deleted 1980)
- 5 Mech. desig. SH horse (deleted 1980)
- 6 Mech. desig. SM single deck
- 7 Mech. desig. ST triple deck

Third numeric:

- 0 All cars
 - 1* High double deck, lower deck at least 5'4" high (added 1973)
 - 2* Convertible deck (added 1973)
- *1 and 2 are only used when the second numeric is 2

Note: All stock moved to A category in 1988.

Numeric Key S (continued)

S___ Stack cars (1989-2002)

First numeric:

- 0 Not otherwise classified
- 1 40' wells
- 2 45' wells
- 3 48' wells
- 4 40' end and 45' intermediate wells
- 5 40' end and 48' intermediate wells
- 6 53' wells (added 1993)
- 7 56' wells (added 1993)

Second numeric:

- 0 Not otherwise classified
- 1 One well, IBC type
- 2 Two wells, IBC type
- 3 Three wells, IBC type
- 4 Four wells, IBC type
- 5 Five wells, IBC type, 100-ton trucks
- 6 Five wells, IBC type, 125-ton trucks
- 7 Five wells, bulkhead type, 100-ton trucks
- 8 Five wells, bulkhead type, 125-ton trucks

Third numeric if second numeric is 1 (replaced in 1993):

- 0 Not otherwise classified
- 1 Bottom, one 40', 45' or 48' container:
Top, one 40', 45', 48' or 53' container
- 2 Bottom, two 20' OR one 40', 45' or 48' container(s):
Top, one 40', 45', 48' or 53' container

Third numeric if second numeric is 2, 3 or 4 (replaced in 1993):

- 0 All cars

Third numeric if second numeric is 1, 2, 3 or 4 (effective 1993):

- 0 Not otherwise classified
- 1 Bottom, one 40', 45' or 48' container:
Top, one 40', 45', 48' or 53' container
- 2 Bottom, two 20' OR one 40', 45' or 48' container(s):
Top, one 40', 45', 48' or 53' container
- 3 Bottom, two 20' OR one 40', 45' or 48' container(s):
Top, one 40', 48' or 53' container (added 1993)
Alternatively: Two 28' trailers OR one 40' to 53' trailer per well
- 4 Bottom, two 20' or 28' OR one 40', 45', 48' or 53' container(s):
Top, two 28' OR one 40', 45', 48' or 53' container(s) (added 1993)
- 5 Bottom, two 20' OR one 40', 45', 48' or 53' container(s):
Top, one 40', 45', 48' or 53' container (added 1994)

Third numeric if second numeric is 5 or 6:

- 0 Not otherwise classified
- 1 Bottom, one 40' container OR two 20' containers only in end wells: Top, one 40', 45' or 48' container
- 2 Bottom, one 40' OR two 20' container(s)
Top, one 40', 45' or 48' container
- 3 Bottom, one 40' or 45' container:
Top, one 40', 45', 48' or 53' container
- 4 Bottom, one 40', 45' or 48' container:
Top, one 40', 45', 48' or 53' container
- 5 Bottom, one 40' container OR two 20' containers in end wells and one 40' or 45' container in intermediate wells: On top, one 40', 45' or 48' container in end wells and one 40', 45', 48' or 53' container in intermediate wells
- 6 Bottom, one 40' container OR two 20' containers in end wells and one 40', 45' or 48' container in intermediate wells:
Top, one 40', 45', 48' or 53' container
- 7 Bottom, one 40', 45' or 48' OR two 20' or 24' container(s):
Top, one 40', 45', 48' or 53' container
- 8 Bottom, one 40', 45' or 48' OR two 20' or 24' container(s) in end wells and one 40', 45' or 48' container in intermediate wells:
Top, one 40', 45', 48' or 53' container

Continued on next page.

Numeric Key S (continued)

Third numeric if second numeric is 7 or 8:

- 0 Not otherwise classified
- 1 Bottom, one 40' container OR two 20' containers only in end wells: Top, one 40' or 48' container
- 2 Bottom, one 40' container OR two 20' containers only in end wells: Top, one 40', 45' or 48' container
- 3 Bottom, one 40' container OR two 20' containers only in end wells: Top, one 40' container OR one 45' container except in end wells
- 4 Bottom, one 40' OR two 20' container(s)
Top, one 40' or 48' container
- 5 Bottom, one 40' OR two 20' container(s)
Top, one 40', 45' or 48' container
- 6 Bottom, one 40' container OR two 20' containers except in end wells: Top, one 40' or 48' container
- 7 Bottom, one 40' container OR two 20' containers except in end wells: Top, one 40', 45' or 48' container
- 8 Bottom, one 40' container: Top, one 40' or 45' container
- 9 Bottom, one 40' OR two 20' container(s):
Top, one 40' or 45' container

Numeric Key T

T___ Tank cars (1970-1971)

First and second numeric (major class):

- 01 Aluminum tank, non-pressure
- 02 High purity aluminum tank, non-pressure
- 03 Aluminum tank, pressure
- 04 Aluminum tank, high pressure
- 05 Steel tank, welded, acid
- 06 Steel tank, riveted, acid
- 07 Stainless steel tank
- 08 Nickel tank
- 09 Stainless steel tank within a tank, non-pressure
- 10 Steel tank, welded
- 11 Steel tank, riveted
- 12 Steel tank, rubber lined
- 13 Steel tank, stainless steel, nickel or lead lined
- 14 Steel tank, pressure, specification 105A100, 111A60 and 111A100
- 15 Steel tank, pressure, specification 105A200
- 16 Steel tank, pressure, specification 105A300
- 17 Steel tank, pressure, specification 105A400
- 18 Steel tank, pressure, specification 105A500
- 19 Steel tank, pressure, specification 105A600
- 20 Multi-unit tank, specification 106A and 110A (TMU)
- 21 Steel tank, pressure, specification 109A300
- 22 Steel tank, pressure, specification 112A340
- 23 Steel tank, pressure, specification 112A400
- 24 Steel tank, pressure, specification 114A340
- 25 Box tank (XT)
- 26 Helium
- 27 Tank within a tank, cryogenic
- 28 Tank within a tank, pressure
- 29 Stainless steel tank, pressure
- 30 Wooden tank
- 31 Steel tank, pressure, specification 112A200
- 32 Steel tank, pressure, specification 112A500
- 33 Steel tank, pressure, specification 112A200
- 34 Steel inner tank, non-pressure
- 35 Aluminum tank within a tank, non-pressure

- 36 Steel tank, cryogenic pressure, specification 105A300 and 120A300 (excluding carbon dioxide cars)
- 50 Special types, specification 107B4000

Third numeric:

- 0 Capacity not applicable (class 20, 26 and 30)
- 1 Capacity less than 7,499 gallons
- 2 Capacity at least 7,500 less than 9,499 gallons
- 3 Capacity at least 9,500 less than 11,499 gallons
- 4 Capacity at least 11,500 less than 18,499 gallons
- 5 Capacity at least 18,500 less than 21,499 gallons
- 6 Capacity at least 21,500 less than 24,499 gallons
- 7 Capacity at least 24,500 less than 27,499 gallons
- 8 Capacity at least 27,500 less than 31,499 gallons
- 9 Capacity at least 31,500 gallons

Numeric Key T (continued)

T___ Tank cars (1972-2002)

First and second numeric (major class):

- 01 Aluminum tank, non-pressure
- 02 High purity aluminum tank, non-pressure
- 03 Box tank XT
- 04 Nickel tank
- 05 Steel tank, acid
- 06 Stainless steel tank, 304 or 430 grade
- 07 Stainless steel tank, 304L grade
- 08 Stainless steel tank, 316 grade
- 09 Stainless steel tank, 316L grade
- 10 Steel tank, non-pressure, may be rubber lined
- 11 Steel tank within a tank, non-pressure
- 12 Aluminum tank within a tank, non-pressure
- 13 Stainless steel tank within a tank, non-pressure, 304 or 430 grade
- 14 Stainless steel tank within a tank, non-pressure, 304L grade
- 15 Stainless steel tank within a tank, non-pressure, 316 grade
- 16 Stainless steel tank within a tank, non-pressure, 316L grade
- 17 Wooden tank (deleted 1987)
- 18 Stainless steel clad steel tank
- 19 Nickel clad steel tank
- 20 Specification 111S100W2 and 111S100W3 (added 1994)
- 36 Maintenance of way (added 1994)
- 37 Steel tank, pressure, non-insulated, spec. 112T200W and 112S200W (added 1986)
- 38 Steel tank, pressure, non-ins., spec. 112J340W (added 1978)
- 39 Steel tank, pressure, non-ins., spec. 112S340W (added 1978)
- 40 Steel tank, pressure, non-ins., spec. 112T340W (added 1978)
- 41 Steel tank, pressure, non-ins., spec. 112J400W (added 1978)
- 42 Steel tank, pressure, non-ins., spec. 112S400W (added 1978)
- 43 Steel tank, pressure, non-ins., spec. 112T400W (added 1978)
- 44 Steel tank, pressure, non-ins., spec. 114J340W (added 1978)
- 45 Steel tank, pressure, non-ins., spec. 114S340W (added 1978)
- 46 Steel tank, pressure, non-ins., spec. 114T340W (added 1978)
- 47 Steel tank, pressure, non-ins., spec. 114J400W (added 1978)
- 48 Steel tank, pressure, non-ins., spec. 114S400W (added 1978)
- 49 Steel tank, pressure, non-ins., spec. 114T400W (added 1978)
- 50 Aluminum tank, pressure
- 51 Aluminum tank, high-pressure
- 52 Steel tank, pressure, insulated, specification 105A100, 111A60 and 111A100
- 53 Steel tank, pressure, insulated, specification 105A200, also 120J200W added by 2000
- 54 Steel tank, pressure, insulated, specification 105A300, 109A300 and 120A300, also 120J300W added in 2001
- 55 Steel tank, pressure, insulated, specification 105A400, also 120J400W added in 2001
- 56 Steel tank, pressure, insulated, specification 105A500, also 120J500W added in 2001
- 57 Steel tank, pressure, insulated, specification 105A600, also 120J600W added 1985
- 58 TMU Multi-unit tank, specification 106A and 110A
- 59 Steel tank, pressure, non-insulated, specification 112A200
- 60 Steel tank, pressure, non-insulated, specification 112A340, also 120S340W added 1989
- 61 Steel tank, pressure, non-insulated, specification 112A400, also 120S400W added 1989
- 62 Steel tank, pressure, non-insulated, specification 112A500, also 120S500W 1989
- 64 Steel tank, pressure, non-insulated, specification 114A340
- 65 Steel tank, pressure, non-insulated, specification 114A400
- 67 Tank within a tank, pressure
- 76 Tank within a tank, cryogenic
- 77 Helium
- 78 Stainless steel tank, pressure, insulated, spec. 105A300 (deleted 1984)

Continued on next page.

Numeric Key T (continued)

- 80 Stainless steel clad tank, spec. 105J300W (added 1981)
- 81 Stainless steel clad tank, spec. 105S300W (added 1981)
- 82 Aluminum, pressure, spec. 105J200ALW (added 1981, deleted 1989)
- 83 Aluminum, pressure, spec. 105S100 ALW and 105S200 ALW (added 1981, deleted 1984)
- 84 Aluminum, high pressure, spec. 105J300ALW (added 1981, deleted 1989)
- 85 Aluminum high pressure, spec. 105S300ALW (added 1981, deleted 1984)
- 86 Steel tank, pressure, insulated spec. 105J100W (added 1981)
- 87 Steel tank, pressure, insulated spec. 105S100W (added 1981)
- 88 Steel tank, pressure, insulated spec. 105J200W (added 1981)
- 89 Steel tank, pressure, insulated spec. 105S200W (added 1981)
- 90 Special types, specification 107B4000 (deleted 1981)
- 90 Steel tank, pressure, insulated spec. 105J300W (added 1981)
- 91 Steel tank, pressure, insulated spec. 105S300W (added 1981)
- 92 Steel tank, pressure, insulated spec. 105J400W (added 1981)
- 93 Steel tank, pressure, insulated spec. 105S400W (added 1981)
- 94 Steel tank, pressure, insulated spec. 105J500W (added 1981)
- 95 Steel tank, pressure, insulated spec. 105S500W (added 1981)
- 96 Steel tank, pressure, insulated spec. 105J600W (added 1981)
- 97 Steel tank, pressure, insulated spec. 105S600W (added 1981)
- 99 Special types, specification 107B4000 (added 1981, deleted 1984)

Third numeric:

- 0 Capacity not applicable (class 17, 58 and 77)
- 1 Capacity less than 7,499 gallons
- 2 Capacity at least 7,500 less than 9,499 gallons
- 3 Capacity at least 9,500 less than 11,499 gallons
- 4 Capacity at least 11,500 less than 18,499 gallons
- 5 Capacity at least 18,500 less than 21,499 gallons
- 6 Capacity at least 21,500 less than 24,499 gallons
- 7 Capacity at least 24,500 less than 27,499 gallons
- 8 Capacity at least 27,500 less than 31,499 gallons
- 9 Capacity at least 31,500 gallons

Numeric Key U

U___ Containers (1980-1982)

First numeric:

- 1 Non-equipped, enclosed
- 2 Equipped, enclosed
- 3 Bulkhead flat bed including removable sides and expandable
- 4 Open Top
- 5 Mech. refrigerator
- 6 Miscellaneous
- 7 Flexivan
- 8 Platform with removable sides
- 9 Tank and hopper

Second numeric:

- 1 Outside length less than 11'
- 2 Outside length at least 11' and less than 19'
- 3 Outside length at least 19' and less than 21'
- 4 Outside length at least 21' and less than 25'
- 5 Outside length at least 25' and less than 28'
- 6 Outside length at least 28' and less than 36'
- 7 Outside length at least 36' and less than 41'
- 8 Outside length at least 41'

Third numeric:

- 1 Outside height 8' or less
- 2 Outside height over 8'1" up to 8'6"
- 3 Outside height over 8'6"

Numeric Key U (continued)

U___ Containers (1983-2002)

First numeric (replaced 1987):

- 0 Tank and hopper
- 2 Non-equipped, enclosed, dry
- 3 Flat bed including removable sides and expandable
- 4 Open Top
- 5 Mech. refrigerator
- 7 Insulated
- 9 Equipped, enclosed

First numeric (effective 1987):

- 0 Hopper
- 2 Non-equipped, enclosed, dry
- 3 Flat bed including removable sides and expandable
- 4 Open Top
- 5 Mech. refrigerator
- 6 Tank
- 7 Insulated
- 9 Equipped, enclosed

Second numeric:

- 0 Outside length at least 40' and less than 42'
- 1 Outside length less than 20'
- 2 Outside length at least 20' and less than 27'
- 3 Outside length at least 27' and less than 35'
- 4 Outside length at least 35' and less than 40'
- 5 Outside length at least 45' (replaced 1987)
- 5 Outside length at least 45' and less than 48' (added 1987)
- 6 Outside length at least 42' and less than 45'
- 7 Outside length at least 48' (added 1987, replaced 1989)
- 7 Outside length at least 48' and less than 53' (added 1989)
- 8 Outside length at least 53' (added 1989, replaced 1995)
- 8 Outside length at least 53' and less than 57' (added 1995)
- 9 Outside length at least 57' (added 1995)

Third numeric (replaced 1989):

- 1 Outside height 8' or less
- 2 Outside height 8'1" up to 8'6"
- 3 Outside height over 8'6"

Third numeric (effective 1989):

- 0 Not otherwise classified
- 1 Outside width 8' or less, outside height 8'6" or less
- 2 Outside width 8' or less, outside height over 8'6" up to 9'0"
- 3 Outside width 8' or less, outside height over 9'0" up to 9'6"
- 4 Outside width 8' or less, outside height over 9'6"
- 5 Outside width over 8', outside height 8'6" or less
- 6 Outside width over 8', outside height over 8'6" up to 9'0"
- 7 Outside width over 8', outside height over 9'0" up to 9'6"
- 8 Outside width over 8', outside height over 9'6"

Numeric Key V

V___ Special vehicular flat cars (1974)

V___ Vehicular flat cars (1975-1982)

First numeric:

- 1 Stac-pac containers with set-up vehicles (deleted 1977)
- 1 Multi-level built as integrated unit for set-up vehicles (added 1977)
- 2 Vert-a-pac for set-up vehicles
- 3 Bi-level rack, fully enclosed (added 1974)
- 4 Tri-level rack, fully enclosed (added 1974)
- 5 Bi-level rack for set-up vehicles (added 1974)
- 6 Tri-level rack for set-up vehicles (added 1974)
- 7 Bi-level rack, toplless with closed sides and end doors (added 1977)
- 8 Tri-level rack, toplless with closed sides and end doors (added 1977)

Second numeric:

- 0 Inside length less than 75'0", standard draft gear (deleted 1974)
- 1 Inside length at least 75'0" and less than 85'0", standard draft gear
- 2 Inside length at least 85'0" and less than 89'0", standard draft gear
- 3 Inside length at least 89'0" and less than 89'4", standard draft gear
- 4 Inside length at least 89'4", standard draft gear
- 5 Inside length less than 75'0", cushioned (deleted 1974)
- 6 Inside length at least 75'0" and less than 85'0", cushioned
- 7 Inside length at least 85'0" and less than 89'0", cushioned
- 8 Inside length at least 89'0" and less than 89'4", cushioned
- 9 Inside length at least 89'4", cushioned

Third numeric:

- 1 Low deck, no more than 2'8" above rail
- 2 Standard deck, more than 2'8" above the rail (added 1974)

Numeric Key V (continued)

V___ Vehicular flat cars (1983-1992)

First numeric:

- 0 Tri-level, open or not side shielded
- 1 Tri-level, screened or side shielded
- 2 Tri-level, partially enclosed, no roof
- 3 Tri-level, partially enclosed, no doors
- 4 Tri-level, single unit, fully enclosed
- 5 Bi-level, open or not side shielded
- 6 Bi-level, screened or side shielded
- 7 Bi-level, partially enclosed, no roof
- 8 Bi-level, partially enclosed, no doors
- 9 Bi-level, single unit, fully enclosed

Second numeric (replaced 1985):

- 1 Low level, length less than 89'4", hinged B deck
- 2 Low level, length less than 89'4", rigid rack
- 3 Low level, length 89'4" or more, hinged B deck
- 4 Low level, length 89'4" or more, rigid rack
- 5 Standard level, length less than 89'4", hinged B deck
- 6 Standard level, length less than 89'4", rigid rack
- 7 Standard level, length 89'4" or more, hinged B deck
- 8 Standard level, length 89'4" or more, rigid rack
Low level is less than 33" ATR and standard level is 33" and higher ATR

Second numeric (effective 1985):

- 0 All uncushioned
- 1 Low level, length less than 89'4", hinged B deck
- 2 Low level, length 89'4" or more, hinged B deck
- 3 Low level, length less than 89'4", rigid rack
- 4 Low level, length 89'4" or more, rigid rack
- 5 Mid level, length 89'4" or more, hinged B deck
- 6 Mid level, length 89'4" or more, rigid rack
- 7 High level, length less than 89', rigid rack
- 8 High level, length at least 89' and less than 89'4", rigid rack
- 9 High level, length 89'4" or more, rigid rack
Low level is less than 34" ATR, mid level is 34" to less than 40" ATR and high level is at least 40" ATR

Third numeric (replaced 1985):

- 0 All cars

Third numeric (effective 1985):

- 0 No doors
- 1 Full height radial doors
- 2 Full height RAVE doors
- 3 Full height wire mesh doors
- 4 Full height Tri-Fold doors
- 5 Partial height Radial doors
- 6 Partial height wire mesh doors
- 7 Partial height Bi-Fold, doors
- 8 Partial height Tri-fold doors
- 9 Other including three-piece

Numeric Key V (continued)

V___ Vehicular flat cars (1993-2002)

First numeric:

- 0 Uni-level, single unit, fully enclosed
- 1 Tri-level, multi-unit, fully enclosed
- 2 Tri-level, articulated, fully enclosed
- 3 Tri-level, single unit, not fully enclosed
- 4 Tri-level, single unit, fully enclosed
- 6 Bi-level, multi-unit, fully enclosed
- 7 Bi-level, articulated, fully enclosed
- 8 Bi-level, single unit, not fully enclosed
- 9 Bi-level, single unit, fully enclosed

Second numeric:

- 0 Low level, extreme height less than 18'10"
- 1 Low level, extreme height at least 18'10" and less than 19'1"
- 2 Low level, extreme height at least 19'1" and less than 20'2"
- 3 Mid level, extreme height less than 18'10"
- 4 Mid level, extreme height at least 18'10" and less than 19'1"
- 5 Mid level, extreme height at least 19'1" and less than 20'2"
- 6 High level, extreme height less than 18'10"
- 7 High level, extreme height at least 18'10" and less than 19'1"
- 8 High level, extreme height at least 19'1" and less than 20'2"
- 9 All levels, extreme height 20'2" or more
Low level is less than 34" ATR, mid level is 34" to less than 40" ATR and high level is at least 40" ATR

Third numeric:

- 0 No doors
- 1 Full height radial doors
- 2 Full height RAVE doors, Trinity
- 3 Full height RAVE doors, Portec
- 4 Full height Tri-Arc doors
- 5 Full height Tri-Fold doors
- 6 Full height Pick doors
- 7 Full height other including Bi-Fold, Three Piece, Wire Mesh, etc.
- 8 Full height Seal Safe Radial doors (added 1997)
- 9 Partial height doors, all types

Numeric Key Z

Z___ Trailers (1980-1982)

First numeric:

- 0 Chassis (added 1980)
- 1 Non-equipped, enclosed
- 2 Equipped, enclosed
- 3 Bulkhead flat bed including removable sides and expandable
- 4 Open Top
- 5 Mech. refrigerator
- 6 Miscellaneous (deleted 1980)
- 6 Flat bed, extendible (added 1980)
- 7 Flexivan (deleted 1980)
- 7 Drop frame and wedge frame (added 1980)
- 8 Platform with removable sides
- 9 Tank and hopper

Second numeric:

- 2 Outside length less than 21'
- 3 Outside length at least 21' and less than 29'
- 4 Outside length at least 29' and less than 34'
- 5 Outside length at least 34' and less than 39'
- 6 Outside length at least 39' and less than 40'
- 7 Outside length at least 40' and less than 41'
- 8 Outside length at least 41' and less than 45'
- 9 Outside length at least 45'

Third numeric:

- 1 Outside width 8' and under, outside height 12'6" or less
- 2 Outside width 8' and under, outside height over 12'6" and under 13'
- 3 Outside width 8' and under, outside height at least 13' and less than 13'6"
- 4 Outside width 8' and under, outside height 13'6" and over
- 5 Outside width over 8', outside height 13' or less
- 6 Outside width over 8', outside height over 13'

Numeric Key Z (continued)

Z___ Trailers (1983-2002)

First numeric:

- 0 Hopper or tank (replaced 1986)
- 0 Hopper (added 1986)
- 1 Chassis
- 2 Non-equipped, dry van
- 3 Flat bed, including removable sides and expandable
- 4 Open Top
- 5 Mech. refrigerator
- 6 Tank (added 1986, replaced 1988)
- 6 RoadRailer type (added 1988)
- 7 Insulated
- 8 Drop frames including wedge frames
- 9 Equipped, straight floor, enclosed

Second numeric except RoadRailer and chassis:

- 0 Outside length at least 40' and less than 42'
- 1 Outside length less than 20'
- 2 Outside length at least 20' and less than 27'
- 3 Outside length at least 27' and less than 35'
- 4 Outside length at least 35' and less than 40'
- 5 Outside length at least 45' and less than 48'
- 6 Outside length at least 42' and less than 45'
- 7 Outside length at least 48' (replaced 1989)
- 7 Outside length at least 48' and less than 53' (added 1989)
- 8 Outside length at least 53' (added 1989, replaced 1995)
- 8 Outside length at least 53' and less than 57' (added 1995)
- 9 Outside length at least 57' (added 1995)

Second numeric for chassis:

- 0 Outside length 45' to 53', extendible
- 1 Outside length 40' to 45', extendible
- 2 Outside length 20' and 20'/24' combo
- 3 Outside length 48' and over
- 4 Outside length 40' to 48', extendible (replaced 1994)
- 4 Outside length 40' to 53', extendible (added 1994)
- 5 Outside length at least 45' and less than 48'
- 6 Outside length at least 40' and under 45'
- 7 Outside length 40' Gooseneck (replaced 1994)
- 7 Outside length 40' to 48' Gooseneck (added 1994)
- 8 Outside length 40', combo 20/40
- 9 Outside length 40', Tri-Purpose

Second numeric for RoadRailer (added 1988):

- 1 Length less than 48', Mark IV
- 2 Length at least 48' and less than 53', Mark IV
- 3 Length at least 53', Mark IV
- 4 Length less than 48', Mark V
- 5 Length at least 48' and less than 53', Mark V
- 6 Length at least 53', Mark V
- 7 Outside length less than 48', chassis
- 8 Outside length at least 48' and less than 53', chassis
- 9 Outside length at least 53', chassis

Third numeric except RoadRailers and chassis:

- 0 Not otherwise classified
- 1 Outside width 8' or less, outside height 12'6" or less
- 2 Outside width 8' or less, outside height over 12'6" and under 13'
- 3 Outside width 8' or less, outside height at least 13' and under 13'6"
- 4 Outside width 8' or less, outside height at least 13'6"
- 5 Outside width over 8', outside height 13' or less, 96" tandem
- 6 Outside width over 8', outside height over 13', 96" tandem
- 7 Outside width over 8', outside height 13' or less, over 96" tandem
- 8 Outside width over 8', outside height over 13', over 96" tandem

Continued on next page.

Numeric Key Z (continued)

Third numeric for chassis (added 1983, replaced 1989)

- 0 Height at locking plane 4'6" or less
- 1 Height at locking plane over 4'6"

Third numeric for Roadtrailer and chassis (added 1989):

- 0 Not otherwise classified
- 1 Height at locking plane 4'6" or less, tandem width 96" or less
- 2 Height at locking plane 4'6" or less, tandem width over 96" and not more than 102"
- 3 Height at locking plane 4'6" or less, tandem width over 102"
- 4 Height at locking plane over 4'6", tandem width 96" or less
- 5 Height at locking plane over 4'6", tandem width over 96" and not more than 102"
- 6 Height at locking plane over 4'6", tandem width over 102"